

Welcome To **BUCHER** hydraulics

**POWER UNITS**

Our quality: We always adhere to the implementation of ISO9001 quality management system and continuously strengthen and improve internal management, as well as providing our customers with best quality products. Quality and service is our sincere commitment.



Search:

Position: Index >> Products

**Gear Pumps and Gear Motors      Power Units      Hydraulic Valves      Accessories**

Tipper Trailer Power Units 3

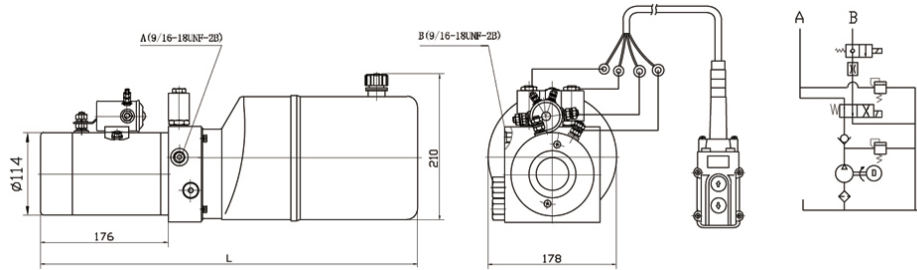
## Tipper Trailer Power Units 3

### General Description



Consisting of high pressure gear pumps, DC motor, manifold, valves, tank, remote controller etc., this power unit features typical power up power down. The second relief valve provides an extra protection for the machine when lowered. The lowering speed is automatically adjusted by a pressure compensated flow control valve. These series are widely used in tipper trailers, hydraulic hoists and so on.

### Outline Dimension



### Model Specifications

Model	Motor Volt	Motor power	Displacement	System pressure	Tank Capacity	L(mm)
YBZ-F2.1B1W61/2	12VDC	1.5KW	2.1mL/r	20MPa	5L	473
YBZ-F2.7B2A61/2	24VDC	2KW	2.7mL/r		6L	523

Remark: Please go to page 38 or consult our sales engineer for the different pump displacement, motor power or tank capacity.

### Special notes

- The duty of this power unit is S3, i.e., 30 seconds on and 270 seconds off.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15-68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.
- The power unit should be mounted horizontally.